

## CLAIMS:

1. A display device comprising a pixel and at least one switching element at the area of a matrix of selection electrodes and data electrodes, and drive means for driving the selection electrodes in a sequence and for driving and for driving the data electrodes, wherein the display device comprises a pulsed backlight system and further means for increasing the switching rate of pixels in the sequence of selecting the pixels during operation.

2. A display device as claimed in claim 1, wherein the further means comprise drive means for increasing the range of possible drive voltages across the pixels in the sequence of selecting the pixels.

3. A display device as claimed in claim 1, wherein a picture electrode of a pixel is capacitively coupled to a further electrode, and the further means comprise drive means for increasing the range of possible drive voltages across the pixels via the capacitive coupling.

4. A display device as claimed in claim 3, wherein the drive means apply drive voltages across the pixels via a capacitive coupling with a juxtaposed selection electrode.

5. A display device as claimed in claim 3 or 4, wherein the capacitances of the storage capacitors increase in the sequence of selecting the pixels.

6. A display device as claimed in claim 3 or 4, wherein the capacitances of the storage capacitors decrease in the sequence of selecting the pixels.

7. A display device as claimed in claim 1, wherein the further means comprise heating means for generating a temperature gradient during operation, at which the temperature increases in the direction of the sequence of selecting the pixels.